



Member State  
Denmark

OIML Certificate N°  
R60/2000-DK3-13.01

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: **DELTA**  
Address: Venlighedsvej 4  
2970 Hørsholm  
Denmark

Person responsible: J. Hovgaard Jensen

### Applicant

Name: **Esit Elektronik Sistemler İmalat ve Ticaret Limited Şirketi**  
Address: Nişantepe Mah. Handegül Sk. No:6  
Çekmeköy  
34794 İstanbul  
TURKEY

### Manufacturer

**Manufacturer**  
of the certified pattern: **Esit Elektronik Sistemler İmalat ve Ticaret Limited Şirketi**

Identification  
of the certified pattern: **Compression, strain gauge load cell**  
**Type: CA**  
Further characteristics are set out on page 2.

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R60**  
**edition 2000 (E)**  
**for accuracy class C**

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.


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The conformity was established by tests described in the associated test report N° DANAK-1910569 issued by DELTA, DK (Notified Body no. 0199), that includes 35 pages.

The issuing authority: **DELTA, OIML Issuing Authority DK3**  
27 June 2013

  
J. Hovgaard Jensen  
Certification Officer

### Characteristics

| Type designation                      |                     | CA                 |                     |                     |
|---------------------------------------|---------------------|--------------------|---------------------|---------------------|
| Accuracy class                        |                     | C1                 | C3                  | C4                  |
| Maximum number of intervals           | $n_{LC}$            | 1000               | 3000                | 4000                |
| Maximum capacity                      | $E_{max}$           | 10t, 20t, 25t, 30t |                     |                     |
| Apportionment factor                  | $p_{LC}$            | 0.7                |                     |                     |
| Minimum verification interval         | $v_{min}$           | 0.020 % $E_{max}$  | 0.01660 % $E_{max}$ | 0.01130 % $E_{max}$ |
| Ratio of min LC verification interval | Y                   | 5000               | 6000                | 8850                |
| Minimum dead load output return       | DR                  | 0.0050 % $E_{max}$ | 0.0033 % $E_{max}$  | 0.0025 % $E_{max}$  |
| Relative DR                           | Z                   | 10000              | 15000               | 20000               |
| Rated output (sensitivity)            | C                   | 2 mV/V             |                     |                     |
| Excitation voltage                    | $U_{exc}$           | 5-15 Vac/dc        |                     |                     |
| Minimum dead load, relative           | $E_{min} / E_{max}$ | 0 %                |                     |                     |
| Safe overload limit                   | Lim                 | 150 % $E_{max}$    |                     |                     |
| Temperature rating                    | $T_{min} / T_{max}$ | -10 °C / +40 °C    |                     |                     |
| Input resistance                      | Ohm                 | 380/350            |                     |                     |
| Humidity condition                    |                     | CH (No marking)    |                     |                     |

### Important note:

Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.